

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/789,518
Source: 1FWO
Date Processed by STIC: 1/13/05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/789,518

CRF Edit Date: 1/19/05
Edited by: [Signature]

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



IFWO

RAW SEQUENCE LISTING

DATE: 01/19/2005

PATENT APPLICATION: US/10/789,518

TIME: 19:08:45

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\01192005\J789518.raw

```

3 <110> APPLICANT: Steffan, Joan S.
4     Thompson, Leslie
5     Marsh, J. Lawrence
7 <120> TITLE OF INVENTION: Methods and Reagents for Reducing Polyglutamine Toxicity
9 <130> FILE REFERENCE: 52058/WPC/R2682
11 <140> CURRENT APPLICATION NUMBER: US 10/789,518
12 <141> CURRENT FILING DATE: 2004-02-27
14 <150> PRIOR APPLICATION NUMBER: US 60/451,077
15 <151> PRIOR FILING DATE: 2003-02-27
17 <160> NUMBER OF SEQ ID NOS: 3
19 <170> SOFTWARE: PatentIn version 3.2
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 92
23 <212> TYPE: PRT
24 <213> ORGANISM: Homo sapiens
27 <220> FEATURE:
W--> 28 <221> NAME/KEY: Polyglutamine
29 <222> LOCATION: (18)..(18)
30 <223> OTHER INFORMATION: Polyglutamine stretch from 25Q (wild type) to 97Q (mutant)
32 <220> FEATURE:
W--> 33 <221> NAME/KEY: Polyglutamine
34 <222> LOCATION: (18)..(42)
35 <223> OTHER INFORMATION: Polyglutamine stretch is expanded from 25Q (wild type, as
shown)
36     to 97Q (mutant)
38 <400> SEQUENCE: 1
40 Met Ala Thr Leu Glu Lys Leu Met Lys Ala Phe Glu Ser Leu Lys Ser
41 1             5             10             15
44 Phe Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln
45     20             25             30
48 Gln Gln Gln Gln Gln Gln Gln Gln Gln Gln Pro Pro Pro Pro Pro Pro
49     35             40             45
52 Pro Pro Pro Pro Pro Gln Leu Pro Gln Pro Pro Pro Gln Ala Gln Pro
53     50             55             60
56 Leu Leu Pro Gln Pro Gln Pro Pro Pro Pro Pro Pro Pro Pro Pro Pro
57 65             70             75             80
60 Gly Pro Ala Val Ala Glu Glu Pro Leu His Arg Pro
61     85             90
64 <210> SEQ ID NO: 2
65 <211> LENGTH: 8
66 <212> TYPE: PRT
67 <213> ORGANISM: SV40
69 <400> SEQUENCE: 2
71 Met Gly Pro Lys Lys Lys Arg Lys

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/789,518

DATE: 01/19/2005

TIME: 19:08:45

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\01192005\J789518.raw

```
72 1          5
75 <210> SEQ ID NO: 3
76 <211> LENGTH: 14
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Sequence appended to full Htt Exon 1, including proline rich
82     domain, when KpnI/BamHI fragments of 97QP or 97QP K6,9,15R are
83     cloned between EcoRI/NotI sites of pUAST
85 <400> SEQUENCE: 3
87 Gly Ser Thr Ser Ser Arg Ala Ala Ala Ala Arg Gly Tyr Leu
88 1          5          10
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/19/2005
PATENT APPLICATION: US/10/789,518 TIME: 19:08:46

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\01192005\J789518.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/789,518

DATE: 01/19/2005

TIME: 19:08:46

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\01192005\J789518.raw

L:28 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1

L:33 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1



IFWO

RAW SEQUENCE LISTING

DATE: 01/13/2005

PATENT APPLICATION: US/10/789,518

TIME: 11:59:58

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\01132005\J789518.raw

3 <110> APPLICANT: Steffan, Joan S.
 4 Thompson, Leslie
 5 Marsh, J. Lawrence
 7 <120> TITLE OF INVENTION: Methods and Reagents for Reducing Polyglutamine Toxicity
 9 <130> FILE REFERENCE: 52058/WPC/R2682
 11 <140> CURRENT APPLICATION NUMBER: US 10/789,518
 12 <141> CURRENT FILING DATE: 2004-02-27
 14 <150> PRIOR APPLICATION NUMBER: US 60/451,077
 15 <151> PRIOR FILING DATE: 2003-02-27
 17 <160> NUMBER OF SEQ ID NOS: 3
 19 <170> SOFTWARE: PatentIn version 3.2

ERRORED SEQUENCES

75 <210> SEQ ID NO: 3
 76 <211> LENGTH: 14
 77 <212> TYPE: PRT
 78 <213> ORGANISM: Artificial
 80 <220> FEATURE:
 81 <223> OTHER INFORMATION: Sequence appended to full Htt Exon 1, including proline rich
 82 domain, when KpnI/BamHI fragments of 97QP or 97QP K6,9,15R are
 83 cloned between EcoRI/NotI sites of pUAST
 85 <400> SEQUENCE: 3
 87 Gly Ser Thr Ser Ser Arg Ala Ala Ala Arg Gly Tyr Leu
 88 1 5 10

E--> 91 2
 E--> 93 1

Does Not Comply
 Corrected Diskette Needed

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 01/13/2005
PATENT APPLICATION: US/10/789,518 TIME: 11:59:59

Input Set : A:\PTO.FG.txt
Output Set: N:\CRF4\01132005\J789518.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3

VERIFICATION SUMMARY

DATE: 01/13/2005

PATENT APPLICATION: US/10/789,518

TIME: 11:59:59

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\01132005\J789518.raw

L:28 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:33 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:91 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3
M:332 Repeated in SeqNo=3